

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"10580855"	US-PGPUB; USPAT	OR	ON	2009/08/24 17:24
S2	1	((JUAN) near2 ("SANCHEZ REGIO")).INV.	US-PGPUB; USPAT	OR	ON	2009/08/24 17:25
S3	1	((JOSE) near2 ("SANCHEZ MARTINEZ")).INV.	US-PGPUB; USPAT	OR	ON	2009/08/24 17:25
S4	1	((JUAN) near2 ("SANCHEZ REGIO")).INV.	EPO; JPO; DERWENT	OR	ON	2009/08/24 17:26
S5	1	((JOSE) near2 ("SANCHEZ MARTINEZ")).INV.	EPO; JPO; DERWENT	OR	ON	2009/08/24 17:26
S6	3	"5725632"	US-PGPUB; USPAT	OR	ON	2009/08/25 09:22
S7	4	("4087276" "5232488").PN. OR ("5725632").URPN.	US-PGPUB; USPAT; USOOCR	OR	ON	2009/08/25 09:23
S8	0	("catedra de metalurgia").as.	US-PGPUB; USPAT	OR	ON	2009/08/25 09:26
S9	29	("metalurgia").as.	US-PGPUB; USPAT	OR	ON	2009/08/25 09:26
S10	7	("universidad de oviedo").as.	US-PGPUB; USPAT	OR	ON	2009/08/25 09:28
S11	0	("universidad de oviedo").as.	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:29
S12	0	("universidad de oviedo")	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:29
S13	160	("oviedo").as.	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:29
S14	5	("ferroatlantica").as.	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:30
S15	2	("ferroatlantica").as.	US-PGPUB; USPAT	OR	ON	2009/08/25 09:30
S16	1	("oviedo").as. and manganese	EPO; JPO; DERWENT	OR	ON	2009/08/25 09:32
S17	21721	manganese and (ferroalloy or waste)	US-PGPUB; USPAT	OR	ON	2009/08/25 10:04
S18	23588	manganese and (ferroalloy or waste or sludge)	US-PGPUB; USPAT	OR	ON	2009/08/25 10:04
S19	23861	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese)	US-PGPUB; USPAT	OR	ON	2009/08/25 10:04

S20	428	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese) and (ferromanganese or silicomanganese)	US-PGPUB; USPAT	OR	ON	2009/08/25 10:05
S21	405	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese) and (ferromanganese or silicomanganese) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/25 10:05
S22	254	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese) and (ferromanganese or silicomanganese) and electro\$9	US-PGPUB; USPAT	OR	ON	2009/08/25 10:06
S23	148	manganese and (ferroalloy or waste or sludge or ferromanganese or silicomanganese) and (ferromanganese or silicomanganese) and electro\$9 and sul\$9	US-PGPUB; USPAT	OR	ON	2009/08/25 10:11
S24	4	("2511507") or ("2483287") or ("2347451") or ("2343293").PN.	US-PGPUB; USPAT	OR	OFF	2009/08/25 10:15
S25	0	"528.112"	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:18
S26	13	"528112"	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:18
S27	0	"improvements in the electrolytic production of manganese"	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:19
S28	0	("improvements in the electrolytic production of manganese").ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:19
S29	0	(improvements with electrolytic with production with manganese).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S30	164	(electrolytic with production with manganese).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S31	0	(electrolytic with production with manganese with improvement).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S32	0	(electrolytic with production with manganese with improvment).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S33	0	(electrolytic with production with manganese with improvements).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S34	4	(electrolytic with production with manganese with improve\$5).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:20
S35	164	(electrolytic with production with manganese).ti.	EPO; JPO; DERWENT	OR	ON	2009/08/25 10:21

S36	1	"4224119"	US-PGPUB; USPAT	OR	ON	2009/08/25 13:05
S37	5	("0704393" "3018233" "4010236").FN. OR ("4224119"). URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/25 13:05
S38	8	"3900385"	US-PGPUB; USPAT	OR	ON	2009/08/25 13:12
S39	113	205/573.cds.	US-PGPUB; USPAT	OR	ON	2009/08/25 13:52
S40	13	("2853444" "2888390" "2978394" "3034973" "3696011" "3821096").FN. OR ("4149944").URFN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/25 14:13
S41	3	"2739116"	US-PGPUB; USPAT	OR	ON	2009/08/25 14:13
S42	3178	((sulphat\$3 or sulfat\$3) with manganese) and (furnace or oven or heater or stove)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:55
S43	153	((sulphat\$3 or sulfat\$3) with manganese) same (furnace or oven or heater or stove)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:55
S44	136	((sulphat\$3 or sulfat\$3) with manganese) same (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/26 10:55
S45	3	((sulphat\$3 or sulfat\$3) with manganese) same (furnace or oven or heater or stove) and @py<"2007" and (ferroalloy or ferromanganese or siliconmanganese)	US-PGPUB; USPAT	OR	ON	2009/08/26 10:56
S46	136	((sulphat\$3 or sulfat\$3) with manganese) same (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/26 10:58
S47	14	((sulphat\$3 or sulfat\$3) with manganese with (acid or sulphuric or sulfuric or "H2.sub. SO4")) same (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/26 11:03
S48	658	((sulphat\$3 or sulfat\$3) with manganese with (acid or sulphuric or sulfuric or "H2.sub. SO4")) and (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT	OR	ON	2009/08/26 11:07
S49	863	((sulphat\$3 or sulfat\$3) with manganese with (acid or sulphuric or sulfuric or "H2.sub. SO4")) and (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 11:07

S50	107	((sulphat\$3 or sulfat\$3) with manganese with (acid or sulphuric or sulfuric or "H2.sub. SO4")) same (furnace or oven or heater or stove) and @py<"2007"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 11:08
S51	1	kasimov.as.	US-PGPUB; USPAT	OR	ON	2009/08/26 11:47
S52	0	(acid with leach\$3) same ((base or antacid) with (coated near2 (reactor or container)))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:01
S53	0	(leach\$3) same ((base or antacid) with (coated near2 (reactor or container)))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:02
S54	0	(leach\$3) same ((base or antacid) with (coat\$3 near2 (reactor or container)))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:02
S55	1	(coat\$3 near2 (reactor or container)) same (leach\$3) same (base or antacid)	US-PGPUB; USPAT	OR	ON	2009/08/26 16:02
S56	59571	(leach\$3 or lixiviat\$3)	US-PGPUB; USPAT	OR	ON	2009/08/26 16:03
S57	6897	(leach\$3 or lixiviat\$3) and manganese	US-PGPUB; USPAT	OR	ON	2009/08/26 16:03
S58	1119	(leach\$3 or lixiviat\$3) and manganese and (coat\$3 with (bas\$2 or antacid))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:04
S59	21	(leach\$3 or lixiviat\$3) and manganese and ((coat\$3 with (bas\$2 or antacid)) with (reactor or container))	US-PGPUB; USPAT	OR	ON	2009/08/26 16:05
S60	22	(leach\$3 or lixiviat\$3) and manganese and ((coat\$3 with (bas\$2 or antacid)) with (reactor or container))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:06
S61	3	(acid with (leach\$3 or lixiviat\$3)) and manganese and ((coat\$3 with (bas\$2 or antacid)) with (reactor or container))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:09
S62	9	(acid with (leach\$3 or lixiviat\$3)) and ((coat\$3 with (bas\$2 or antacid)) with (reactor or container))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:09
S63	373	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container)	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:11
S64	0	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container) and antacid	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:11
S65	287	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container) and bas\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:11

S66	55	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container) same bas\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:11
S67	116	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel) same bas\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:13
S68	217	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel or tank) same bas\$2	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:17
S69	41	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel or tank) same (bas\$2 with (coat\$3 or treat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:17
S70	43	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel or tank) same ((bas\$2 or "acid resistant") with (coat\$3 or treat\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:32
S71	44	(acid with (leach\$3 or lixiviat\$3)) with (reactor or container or vessel or tank) same ((bas\$2 or "acid resistant") with (coat\$3 or treat\$4 or lining))	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/26 16:32
S72	652	(electrolytic or electrowinning or electro-winning or electro \$1winning or electrodeposition or electro\$1deposition or electro-deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2O.sub.4")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 11:32
S73	727	(electrolytic or electrowinning or electro-winning or electro \$1winning or electrodeposition or electro\$1deposition or electro-deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid")	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 11:32
S74	593	(electrolytic or electrowinning or electro-winning or electro \$1winning or electrodeposition or electro\$1deposition or electro-deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 11:33

S75	7	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electrodeposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and ((ferroalloy or iron or ferro or manufacturing or process) near2 waste)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 11:34
S76	13	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electrodeposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and ((ferroalloy or iron or ferro or manufacturing or process or production) near2 waste)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 11:34
S77	134	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electrodeposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and (leach\$3 or lixiviat\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 11:35
S78	15	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electrodeposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and (leach\$3 or lixiviat\$3)	EPO; JPO; DERWENT	OR	ON	2010/03/16 12:05
S79	45	("4497637" "4572829" "4628066" "4631183" "4725380" "4766154" "4801574" "4829039" "4869731" "4910227" "4950309" "5009770" "5074890" "5179129" "5218003" "5252609" "5254368" "5271340" "5282431" "5284878" "5311830" "5344848" "5363780" "5434337" "5707230" "5707592" "5711924" "5723717"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:10

		"5725632" "5788723" "5865023" "6084139").PN. OR ("6211254").URFN.				
S80	264	(electrolytic or electrowinning or electro-winning or electro \$1winning or electrodeposition or electro\$1deposition or electro- deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and (leach\$3 or lixiviat\$3 or strip\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:13
S81	102	S80 not S77	US-PGPUB; USPAT	OR	ON	2010/03/16 13:13
S82	0	(electrolytic or electrowinning or electro-winning or electro \$1winning or electrodeposition or electro\$1deposition or electro- deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and (ferroalloy near2 waste)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:16
S83	0	(electrolytic or electrowinning or electro-winning or electro \$1winning or electrodeposition or electro\$1deposition or electro- deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and (ferroalloy near2 (waste or sludge or gas or slag))	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:17
S84	0	(electrolytic or electrowinning or electro-winning or electro \$1winning or electrodeposition or electro\$1deposition or electro- deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and (ferroalloy near3 (waste or sludge or gas or slag))	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:17
S85	4	(electrolytic or electrowinning or electro-winning or electro \$1winning or electrodeposition or electro\$1deposition or electro- deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and (ferroalloy)	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:18

S86	23	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electro-deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and (ferroalloy or ferromanganese)	US-PGPUB; USPAT; USOCOR	OR	ON	2010/03/16 13:24
S87	1	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electro-deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and ((ferroalloy or ferromanganese or (iron near2 manganese) with alloy)) with waste)	US-PGPUB; USPAT; USOCOR	OR	ON	2010/03/16 13:46
S88	1	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electro-deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and ((ferroalloy or ferromanganese or (iron near2 manganese) with alloy)) with waste)	US-PGPUB; USPAT; USOCOR	OR	ON	2010/03/16 13:46
S89	559	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electro-deposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and ((ferroalloy or ferromanganese or (iron near2 manganese) with alloy)) with manufactur\$3 or produc\$4)	US-PGPUB; USPAT; USOCOR	OR	ON	2010/03/16 13:47

S90	12	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electrodeposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and ((ferroalloy or ferromanganese or ((iron near2 manganese) with alloy)) with (manufactur\$3 or produc\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:47
S91	4	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electrodeposition or electrolysis) near2 manganese and (sulfation or sulphate or sulphation or sulfate or "h.sub.2SO.sub.4" or "sulfuric acid") and @py<"2006" and ((ferroalloy or ferromanganese or ((iron near2 manganese) with alloy)) with (manufactur\$3 or produc\$4)) and waste	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:48
S92	7	(electrolytic or electrowinning or electro-winning or electro\$1winning or electrodeposition or electro\$1deposition or electrodeposition or electrolysis) near2 manganese and @py<"2006" and ((ferroalloy or ferromanganese or ((iron near2 manganese) with alloy)) with (manufactur\$3 or produc\$4)) and waste	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:48
S93	177	@py<"2006" and ((ferroalloy or ferromanganese or ((iron near2 manganese) with alloy)) with (manufactur\$3 or produc\$4)) and waste	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:49
S94	28	@py<"2006" and ((ferroalloy or ferromanganese or ((iron near2 manganese) with alloy)) with (manufactur\$3 or produc\$4)) with waste	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/16 13:49
S95	10	(furnace or oven or heater or stove) and @py<"2005" and ((teflon or PTFE or polytetrafluoroethylene) with (trays or pans)) and ("204".clas. or "205".clas.)	US-PGPUB; USPAT	OR	ON	2010/03/17 13:56
S96	1	((furnace or oven or heater or stove) same ((teflon or PTFE or polytetrafluoroethylene) with (trays or pans)) and ("204".clas. or "205".clas.) and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/03/17 13:57

S97	297	(furnace or oven or heater or stove) same ((teflon or PTFE or polytetrafluoroethylene) with (trays or pans)) and @py<"2005"	US-PGPUB; USPAT	OR	ON	2010/03/17 13:58
S98	149	(furnace or oven or heater or stove) same ((teflon or PTFE or polytetrafluoroethylene) with (trays or pans)) and @py<"2005" and (sulfate or sulphate)	US-PGPUB; USPAT	OR	ON	2010/03/17 13:59

EAST Search History (Interference)

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3/ 17/ 2010 2:26:04 PM**C:\ Documents and Settings\ bripa\ My Documents\ EAST\ Workspaces\ 10580855.wsp**